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Commissioner for Patents  
PO Box 1450  
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**Mail Stop Amendment**

Re: U.S. Utility Patent Application  
Application No. 09/972,019; Filed: October 5, 2001  
For: **Low Offset and Low Glitch Energy Charge Pump for PLL-Based  
Timing Recovery Systems**  
Inventor: Myles H. Wakayama  
Our Ref: 1875.2070002

Sir:

Transmitted herewith for appropriate action are the following documents:

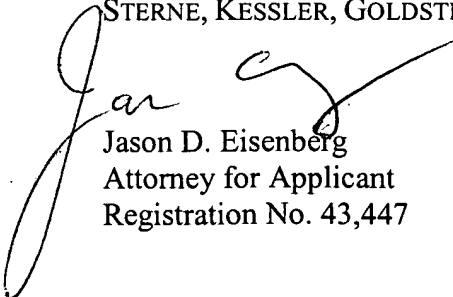
1. Amendment And Reply Under 37 C.F.R. § 1.111; and
2. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Myles H. Wakayama

Appl. No.: 09/972,019

Filed: October 5, 2001

For: **Low Offset and Low Glitch Energy  
Charge Pump for PLL-Based  
Timing Recovery Systems**

Confirmation No.: 3152

Art Unit: 2817

Examiner: A. Kinhead

Atty. Docket: 1875.2070002

Amendment And Reply Under 37 C.F.R. § 1.111

Commissioner for Patents  
Mail Stop Amendment  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated **August 12, 2004**, Applicants submit the following Amendment and Remarks.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefore (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.